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Continuity Information for 60/398093

Parent Data

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10626684 Claims Priority from Provisional Application 60398093

PCT/US03/23222 Claims Priority from Provisional Application 60398093

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1. Document ID: US 6794052 B2

L8: Entry 1 of 12

File: USPT

Sep 21, 2004

US-PAT-NO: 6794052

DOCUMENT-IDENTIFIER: US 6794052 B2

TITLE: Polymer arrays from the combinatorial synthesis of novel materials

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	La Jolla	CA		
Xiang; Xiao-Dong	Danville	CA		
Goldwasser; Isy	Palo Alto	CA		
Briceno; Gabriel	Baldwin Park	CA		
Sun; Xiao-Dong	Fremont	CA		

US-CL-CURRENT: 428/500; 428/156, 428/172, 428/409, 428/441, 428/521, 435/4,
436/524, 436/527

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Drawn D
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2. Document ID: US 6737145 B1

L8: Entry 2 of 12

File: USPT

May 18, 2004

US-PAT-NO: 6737145

DOCUMENT-IDENTIFIER: US 6737145 B1

TITLE: Organic-inorganic composite graded material, method for preparation thereof and use thereof

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Toshiya	Fujisawa-shi, Kanagawa-ken		251-0037	JP
Hashimoto; Kazuhito	Yokohama-shi, Kanagawa-ken		244-0842	JP
Fujishima; Akira	Kawasaki-shi, Kanagawa-ken		211-0012	JP
Takami; Kazuyuki	Gifu			JP

Nakayama; Norihiro	Gifu	JP
Suzuki; Taro	Gifu	JP
Tanaka; Naoki	Gifu	JP
Tachibana; Eisuke	Gifu	JP
Adachi; Tatsuhiko	Gifu	JP

US-CL-CURRENT: 428/64.4; 427/256, 427/385.5, 428/220, 428/411.1, 428/500, 428/522,
525/105, 525/106

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [RDMC](#) | [Drawn Ds](#)

3. Document ID: US 6706441 B1

L8: Entry 3 of 12

File: USPT

Mar 16, 2004

US-PAT-NO: 6706441

DOCUMENT-IDENTIFIER: US 6706441 B1

** See image for Certificate of Correction **

TITLE: Paste-like masses for electrochemical components, layers produced therefrom, and electrochemical components

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Birke; Peter	Itzehoe			DE
Neumann; Gerold	Halstenbeck			DE

US-CL-CURRENT: 429/218.1; 252/182.1, 29/623.1, 429/217, 429/231.6, 429/231.95,
429/232

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [RDMC](#) | [Drawn Ds](#)

4. Document ID: US 6506342 B1

L8: Entry 4 of 12

File: USPT

Jan 14, 2003

US-PAT-NO: 6506342

DOCUMENT-IDENTIFIER: US 6506342 B1

TITLE: Tracking apparatus and method for use with combinatorial synthesis processes

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Robert D.	Rochester	NY	14618	

US-CL-CURRENT: 422/63; 365/151, 422/131, 422/55, 435/4, 435/6, 435/7.1, 436/518,

[436/523](#), [436/524](#), [436/527](#), [436/528](#), [436/531](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

□ 5. Document ID: US 6503382 B1

L8: Entry 5 of 12

File: USPT

Jan 7, 2003

US-PAT-NO: 6503382

DOCUMENT-IDENTIFIER: US 6503382 B1

TITLE: Method of electrodepositing a porous film

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartlett; Philip Nigel	Hants			GB
Owen; John Robert	Southampton			GB
Attard; George Simon	Southampton			GB
Elliott; Joanne	Southampton			GB

US-CL-CURRENT: [205/57](#); [204/483](#), [204/489](#), [204/490](#), [205/102](#), [205/112](#), [205/220](#), [205/75](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

□ 6. Document ID: US 6410331 B1

L8: Entry 6 of 12

File: USPT

Jun 25, 2002

US-PAT-NO: 6410331

DOCUMENT-IDENTIFIER: US 6410331 B1

TITLE: Combinatorial screening of inorganic and organometallic materials

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Alameda	CA		

US-CL-CURRENT: [436/37](#); [257/E43.005](#), [435/287.7](#), [436/147](#), [436/149](#), [436/159](#), [436/164](#),
[436/172](#)

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KWMC](#) | [Drawn D](#)

□ 7. Document ID: US 6326090 B1

L8: Entry 7 of 12

File: USPT

Dec 4, 2001

US-PAT-NO: 6326090

DOCUMENT-IDENTIFIER: US 6326090 B1

TITLE: Combinatorial synthesis of novel materials

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Menlo Park	CA		

US-CL-CURRENT: 428/688; 257/E43.005, 428/689, 428/701, 428/702

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draaw	Des
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□ 8. Document ID: US 6096496 A

L8: Entry 8 of 12

File: USPT

Aug 1, 2000

US-PAT-NO: 6096496

DOCUMENT-IDENTIFIER: US 6096496 A

TITLE: Supports incorporating vertical cavity emitting lasers and tracking apparatus for use in combinatorial synthesis

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Robert D.	Rochester	NY	14618	

US-CL-CURRENT: 435/4; 365/129, 365/151, 365/155, 422/55, 435/6, 435/7.1,
435/DIG.41, 435/DIG.45, 436/501, 436/518

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Draaw	Des
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□ 9. Document ID: US 5962638 A

L8: Entry 9 of 12

File: USPT

Oct 5, 1999

US-PAT-NO: 5962638

DOCUMENT-IDENTIFIER: US 5962638 A

TITLE: Peptides and synthetic cell membranes

DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Naumann; Renate	Darmstadt			DE
Jonczyk; Alfred	Darmstadt			DE

US-CL-CURRENT: 530/329; 436/524, 436/525, 530/328, 530/330

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KOMC](#) | [Drawn](#)

□ 10. Document ID: US 4609444 A

L8: Entry 10 of 12

File: USPT

Sep 2, 1986

US-PAT-NO: 4609444

DOCUMENT-IDENTIFIER: US 4609444 A

TITLE: Photochemical reactions for commercial synthesis

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guillet; James E.	Don Mills			CA

US-CL-CURRENT: 204/157.6; 204/157.4, 204/157.52, 204/157.67, 204/157.93,
204/158.14, 204/900, 204/902

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DATE-ISSUED: October 5, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Naumann; Renate	Darmstadt			DE
Jonczyk; Alfred	Darmstadt			DE

US-CL-CURRENT: 530/329; 436/524, 436/525, 530/328, 530/330

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KNC](#) | [Draw](#)

10. Document ID: US 4609444 A

L8: Entry 10 of 12

File: USPT

Sep 2, 1986

US-PAT-NO: 4609444

DOCUMENT-IDENTIFIER: US 4609444 A

TITLE: Photochemical reactions for commercial synthesis

DATE-ISSUED: September 2, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Guillet; James E.	Don Mills			CA

US-CL-CURRENT: 204/157.6; 204/157.4, 204/157.52, 204/157.67, 204/157.93,
204/158.14, 204/900, 204/902

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KNC](#) | [Draw](#)

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1. Document ID: US 6794052 B2

L8: Entry 1 of 12

File: USPT

Sep 21, 2004

US-PAT-NO: 6794052

DOCUMENT-IDENTIFIER: US 6794052 B2

TITLE: Polymer arrays from the combinatorial synthesis of novel materials

DATE-ISSUED: September 21, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	La Jolla	CA		
Xiang; Xiao-Dong	Danville	CA		
Goldwasser; Isy	Palo Alto	CA		
Briceno; Gabriel	Baldwin Park	CA		
Sun; Xiao-Dong	Fremont	CA		

US-CL-CURRENT: 428/500, 428/156, 428/172, 428/409, 428/441, 428/521, 435/4,
436/524, 436/527

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	RWD	Drawn D
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2. Document ID: US 6737145 B1

L8: Entry 2 of 12

File: USPT

May 18, 2004

US-PAT-NO: 6737145

DOCUMENT-IDENTIFIER: US 6737145 B1

TITLE: Organic-inorganic composite graded material, method for preparation thereof and use thereof

DATE-ISSUED: May 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Watanabe; Toshiya	Fujisawa-shi, Kanagawa-ken	251-0037	JP	
Hashimoto; Kazuhito	Yokohama-shi, Kanagawa-ken	244-0842	JP	
Fujishima; Akira	Kawasaki-shi, Kanagawa-ken	211-0012	JP	
Takami; Kazuyuki	Gifu			JP

Nakayama; Norihiro	Gifu	JP
Suzuki; Taro	Gifu	JP
Tanaka; Naoki	Gifu	JP
Tachibana; Eisuke	Gifu	JP
Adachi; Tatsuhiko	Gifu	JP

US-CL-CURRENT: 428/64.4; 427/256, 427/385.5, 428/220, 428/411.1, 428/500, 428/522,
525/105, 525/106

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINIC](#) | [Drawn Ds](#)

3. Document ID: US 6706441 B1

L8: Entry 3 of 12

File: USPT

Mar 16, 2004

US-PAT-NO: 6706441

DOCUMENT-IDENTIFIER: US 6706441 B1

** See image for Certificate of Correction **

TITLE: Paste-like masses for electrochemical components, layers produced therefrom, and electrochemical components

DATE-ISSUED: March 16, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Birke; Peter	Itzehoe			DE
Neumann; Gerold	Halstenbeck			DE

US-CL-CURRENT: 429/218.1; 252/182.1, 29/623.1, 429/217, 429/231.6, 429/231.95,
429/232

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4. Document ID: US 6506342 B1

L8: Entry 4 of 12

File: USPT

Jan 14, 2003

US-PAT-NO: 6506342

DOCUMENT-IDENTIFIER: US 6506342 B1

TITLE: Tracking apparatus and method for use with combinatorial synthesis processes

DATE-ISSUED: January 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Robert D.	Rochester	NY	14618	

US-CL-CURRENT: 422/63; 365/151, 422/131, 422/55, 435/4, 435/6, 435/7.1, 436/518,

h e b b g e e e f e b ef b e

436/523, 436/524, 436/527, 436/528, 436/531

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

5. Document ID: US 6503382 B1

L8: Entry 5 of 12

File: USPT

Jan 7, 2003

US-PAT-NO: 6503382

DOCUMENT-IDENTIFIER: US 6503382 B1

TITLE: Method of electrodepositing a porous film

DATE-ISSUED: January 7, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bartlett; Philip Nigel	Hants			GB
Owen; John Robert	Southampton			GB
Attard; George Simon	Southampton			GB
Elliott; Joanne	Southampton			GB

US-CL-CURRENT: 205/67; 204/483, 204/489, 204/490, 205/102, 205/112, 205/220, 205/75

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6. Document ID: US 6410331 B1

L8: Entry 6 of 12

File: USPT

Jun 25, 2002

US-PAT-NO: 6410331

DOCUMENT-IDENTIFIER: US 6410331 B1

TITLE: Combinatorial screening of inorganic and organometallic materials

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Alameda	CA		

US-CL-CURRENT: 436/37; 257/E43.005, 435/287.7, 436/147, 436/149, 436/159, 436/164,
436/172

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KINIC](#) | [Drawn D](#)

7. Document ID: US 6326090 B1

L8: Entry 7 of 12

File: USPT

Dec 4, 2001

US-PAT-NO: 6326090

DOCUMENT-IDENTIFIER: US 6326090 B1

TITLE: Combinatorial synthesis of novel materials

DATE-ISSUED: December 4, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Schultz; Peter G.	Oakland	CA		
Xiang; Xiaodong	Alameda	CA		
Goldwasser; Isy	Menlo Park	CA		

US-CL-CURRENT: 428/688; 257/E43.005, 428/689, 428/701, 428/702

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Drawn D
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 8. Document ID: US 6096496 A

L8: Entry 8 of 12

File: USPT

Aug 1, 2000

US-PAT-NO: 6096496

DOCUMENT-IDENTIFIER: US 6096496 A

TITLE: Supports incorporating vertical cavity emitting lasers and tracking apparatus for use in combinatorial synthesis

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Frankel; Robert D.	Rochester	NY	14618	

US-CL-CURRENT: 435/4; 365/129, 365/151, 365/155, 422/55, 435/6, 435/7.1,
435/DIG.41, 435/DIG.45, 436/501, 436/518

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KOMC	Drawn D
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 9. Document ID: US 5962638 A

L8: Entry 9 of 12

File: USPT

Oct 5, 1999

US-PAT-NO: 5962638

DOCUMENT-IDENTIFIER: US 5962638 A

TITLE: Peptides and synthetic cell membranes

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L2: Entry 9 of 255

File: USPT

Mar 2, 2004

DOCUMENT-IDENTIFIER: US 6699952 B2

TITLE: Modular cytomimetic biomaterials, transport studies, preparation and utilization thereof

Brief Summary Text (9):

Natural membranes are utilized as models for the molecular engineering of membrane-mimetic biosystems because of the potential biological activities associated with natural membranes and their ability to self-organize as non-covalent aggregates. Phospholipids differing in chemical composition, saturation, and size have been utilized as building blocks in the design of structures of complex geometry, including lipid-based cylinders, cubes, and spheres. Surface-coupled bilayers have been produced by assembling a layer of closely packed hydrocarbon chains followed by exposure to either a dilute solution of emulsified lipids or unilamellar lipid vesicles (Spinke et al. [1992] Biophys. J. 63:1667; Florin et al. [1993] Biophys J. 64:375; Seifert et al. [1993] Biophys. J. 64:384). Langmuir-Blodgett techniques have also been used to construct supported bilayers via a process of controlled dipping of a substrate through an organic amphiphilic monolayer (Ulman [1991] An Introduction to Ultrathin Organic Films from Langmuir-Blodgett to Self-Assembly, New York: Academic Press). The overall significance of these design strategies lies in the ability to engineer surfaces in which the constituent members can be controlled, modified, and easily assembled with a high level of control over both order and chemistry. Of particular importance is the dialkyl moiety which facilitates the assembly of lipids with dissimilar head groups into surface structures of diverse biomolecular functionality and activity. Nonetheless, limited stability remains the major practical limitation of substrate supported membranes in which the constituent members are associated solely by non-covalent interactions.

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